



Descriptions

Using high-efficiency class D amplifier circuit, built-in high efficiency switching power supply, making the machine's efficiency be up to 85%, the product within a reasonable cooling layout, making the product even in extremely harsh working conditions can still maintain the internal temperature below 55 degrees, Greatly extending the life of the equipment. Products are used by 1U standard 19-inch industrial chassis design, providing four 100V output terminal wiring speaker, providing a Phoenix interface for remote control, monitoring equipment working condition, the product has a short circuit, overload, overheat protection.

Application Occasions

Provide regional power amplification for broadcasting system, suitable for broadcasting system such as clubs, stadiums, shopping malls and so on with multi-channel high-power power amplifier.

Specifications

Model	T-4500D
Rated Power Output	4x500W
Rated Voltage Output	100V
Input Sensitivity (Impedance)	$\pm 385\text{mV}/20\text{K}$, Balance Input
Overload Source Electromotive force	>11dB
Frequency Response	80Hz~16KHz (+1, -3dB)
SNR	$\geq 85\text{dB}$
THD	$\leq 0.1\%$ at 1KHz, 1/3 Rated Power
Control	Remote power control and fault indication
Indicator	Signal, peak, protection, power supply
Protection	High temperature, overload, short circuit
Cooling	Fan forced cooling
Power Consumption	2250W
Power Supply	~230V/50/60Hz
Dimension	484 x 400 x 44mm
Weight	8.8Kg

Features

- * 4-channel Class-D digital amplifier, with independent four-channel, without transformer, 100V output.
- * The rear panel with "ground" line suspension switch, effectively eliminate the loop noise caused by multiple devices signal "ground" line connected.
- * 85% high-efficiency amplifier, less power loss, small amount heat.
- * 4-channel European-style terminal balanced input, 4-channel European-style terminal output.
- * Power-on function by remote control: Turn on the power of the machine remotely, and turn off the power of the machine when both functions are turned off at the same time.
- * Fault output function, remote monitoring amplifier's working condition.
- * 4 channel independent 24V standby power inverted function; amplifier with the function of pressure limit, short circuit, overload, overheat protection.
- * AC 110V or 230 V and DC 24V is optional.